

## **STIC Biotechnology Systems Branch**

### **RAW SEQUENCE LISTING** **ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/594,927  
Source: IFWP  
Date Processed by STIC: 10/06/2006

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 4.4.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

**<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>**

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<**<http://www.uspto.gov/ebc/efs/downloads/documents.htm>**> , **EFS Submission User Manual** - ePAVE)
2. **U.S. Postal Service:** Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. **Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):**  
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/10/06



IFWP

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/594,927

DATE: 10/06/2006

TIME: 11:08:07

Input Set : A:\007123.00002 sequence listing.txt

Output Set: N:\CRF4\10062006\J594927.raw

2 <110> APPLICANT: AnGesMG, Inc.  
W--> 3 <120> TITLE OF INVENTION: Assay method for identifying pharmaceutical candidate  
W--> 4 <130> FILE REFERENCE: 09722  
C--> 5 <140> CURRENT APPLICATION NUMBER: US/10/594,927  
C--> 5 <141> CURRENT FILING DATE: 2006-09-29  
5 <150> PRIOR APPLICATION NUMBER: JP 2004-107746  
6 <151> PRIOR FILING DATE: 2004-03-31  
E--> 8 <160> NUMBER OF SEQ ID NOS: NUMBER OF SEQ ID NOS: 2  
9 <170> SOFTWARE: PatentIn Ver. 2.1

Does Not Comply  
Corrected Diskette Needed  
CP8-1

## ERRORED SEQUENCES

11 <210> SEQ ID NO: 1  
12 <211> LENGTH: 40  
E--> 13 <212> TYPE: Peptide → PLS do not Insert Alpha-Numeric headings.  
14 <213> ORGANISM: Homo Sapiens  
15 <223> OTHER INFORMATION: OTHER INFORMATION: A beta (1-40)  
E--> 16 <400> SEQUENCE: SEQUENCE: 1  
17 DAEFRHDSGY EVHHQKL VFF AEDVGSNKGA IIGLMVGGVV 40  
19 <210> SEQ ID NO: 2  
20 <211> LENGTH: 42  
E--> 21 <212> TYPE: Peptide → It can be DNA/RNA or PRT  
22 <213> ORGANISM: Homo Sapiens  
23 <223> OTHER INFORMATION: OTHER INFORMATION: A beta(1-42)  
E--> 24 <400> SEQUENCE: SEQUENCE: 2 → PLS delete  
25 DAEFRHDSGY EVHHQKL VFF AEDVGSNKGA IIGLMVGGVV IA 42 → Same Error

① If this is a PRT Sequence;  
pls assign three letter Amino Acid Designator.  
② If this is a DNA/RNA Sequence  
pls use Lower case nucleotide designator.

FYI: - PLS Consult Sample Sequence Listing

## VERIFICATION SUMMARY

DATE: 10/06/2006

PATENT APPLICATION: US/10/594,927

TIME: 11:08:08

Input Set : A:\007123.00002 sequence listing.txt

Output Set: N:\CRF4\10062006\J594927.raw

L:3 M:283 W: Missing Blank Line separator, <120> field identifier  
L:4 M:283 W: Missing Blank Line separator, <130> field identifier  
L:5 M:270 C: Current Application Number differs, Replaced Current Application No  
L:5 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:8 M:212 E: (34) Invalid or duplicate Sequence ID Number, Number Of Sequences Unknown  
L:13 M:310 E: (3) Wrong or Missing Sequence Type, numeric identifier <212>, for SEQ ID#:1  
L:16 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:1  
L:16 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:1 differs:0  
L:16 M:283 W: Missing Blank Line separator, <400> field identifier  
L:21 M:310 E: (3) Wrong or Missing Sequence Type, numeric identifier <212>, for SEQ ID#:2  
L:24 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:2  
L:24 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:2 differs:0  
L:24 M:283 W: Missing Blank Line separator, <400> field identifier  
L:8 M:203 E: No. of Seq. differs, <160> Number Of Sequences:Input (0) Counted (2)

# Consult this

<110> Smith, John; Smithgene Inc.

<120> Example of a Sequence Listing

<130> 01-00001

<140> PCT/EP98/00001  
<141> 1998-12-31

<150> US 08/999,999  
<151> 1997-10-15

<160> 4

<170> PatentIn version 2.0

<210> 1  
<211> 389  
<212> DNA  
<213> Paramecium sp.

<220>  
<221> CDS  
<222> (279)...(389)

<300>  
<301> Doe, Richard  
<302> Isolation and Characterization of a Gene Encoding a  
Protease from Paramecium sp.  
<303> Journal of Genes  
<304> 1  
<305> 4  
<306> 1-7  
<307> 1988-06-31  
<308> 123456  
<309> 1988-06-31

<400> 1  
agctgtagtc attcctgtgt cctcttctct ctgggcttct caccctgcta atcagatctc 60  
agggagagtg tcttgaccct cctctgcctt tgcagcttca caggcaggca ggcaggcagc 120  
tgatgtggca attgctggca gtgccacagg cttttcagcc aggcttaggg tgggttcgcg 180  
cgcggcgcgg cgccccctct cgcgctctc tcgcgcctct ctctcgctct cctctcgctc 240

ggacctgatt aggtgagcag gaggaggggg cagtttagc atg gtt tca atg ttc agc 296  
Met Val Ser Met Phe Ser 5

ttg tct ttc aaa tgg cct gga ttt tgt ttg ttt gtt tgt ttg ttc caa 344  
Leu Ser Phe Lys Trp Pro Gly Phe Cys Leu Phe Val Cys Leu Phe Gln 10 15 20

tgt ccc aaa gtc ctc ccc tgt cac tca tca ctg cag ccg aat ctt 389  
Cys Pro Lys Val Leu Pro Cys His Ser Ser Leu Gln Pro Asn Leu 25 30 35

<210> 2  
<211> 37  
<212> PRT  
<213> Paramecium sp.

<400> 2  
Met Val Ser Met Phe Ser Leu Ser Phe Lys Trp Pro Gly Phe Cys Leu  
1 5 10 15

Phe Val Cys Leu Phe Gln Cys Pro Lys Val Leu Pro Cys His Ser Ser  
20 25 30

Leu Gln Pro Asn Leu  
35

<210> 3  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Designed peptide based on size and polarity to act as a linker between the alpha and beta chains of Protein XYZ.

<400> 3  
Met Val Asn Leu Glu Pro Met His Thr Glu Ile  
1 5 10

<210> 4  
<400> 4  
000

identifiers and their accompanying information as shown in the following table. The numeric identifier shall be used only in the "Sequence Listing." The order and presentation of the items of information in the "Sequence Listing" shall conform to the arrangement given below. Each item of information shall begin on a new line and shall begin with the numeric identifier enclosed in angle brackets as shown. The submission of those items of information designated with an "M" is mandatory. The submission of those items of information designated with an "O" is optional. Numeric identifiers <110> through <170> shall only be set forth at the beginning of the "Sequence Listing." The following table illustrates the numeric identifiers.

Numeric Identifier	Definition	Comments and Format	Mandatory (M) or Optional (O)
<110>	Applicant	Preferably max. of 10 names; one name per line; preferable format: Surname, Other Names and/or Initials	M
<120>	Title of Invention		M
<130>	File Reference	Personal file reference	M when filed prior to assignment of appl. number
<140>	Current Application Number	Specify as: US 07/999,999 or PCT/US96/99999	M, if available
<141>	Current Filing Date	Specify as: yyyy-mm-dd	M, if available
<150>	Prior Application Number	Specify as: US 07/999,999 or PCT/US96/99999	M, if applicable include priority documents under 35 USC 119 and 120
<151>	Prior Application Filing Date	Specify as: yyyy-mm-dd	M, if applicable
<160>	Number of SEQ ID NOs	Count includes total number of SEQ ID NOs	M
<170>	Software	Name of software used to create the Sequence Listing	O
<210>	SEQ ID NO:#:	Response shall be an integer representing the SEQ ID NO shown	M
<211>	Length	Respond with an integer M expressing the number of bases or amino acid residues	M

<212>	Type	Whether presented sequence molecule is DNA, RNA, or PRT (protein). If a nucleotide sequence contains both DNA and RNA fragments, the type shall be "DNA." In addition, the combined DNA/RNA molecule shall be further described in the <220> to <223> feature section.	M
<213>	Organism	Scientific name, i.e. Genus/species, Unknown or Artificial Sequence. In addition, the "Unknown" or "Artificial Sequence" organisms shall be further described in the <220> to <223> feature section.	M
<220>	Feature	Leave blank after <220>. <221-223> provide for a description of points of biological significance in the sequence.	M, under the following conditions: if "n," "Xaa," or a modified or unusual L-amino acid or modified base was used in a sequence; if ORGANISM is "Artificial Sequence" or "Unknown"; if molecule is combined DNA/RNA.
<221>	Name/Key	Provide appropriate identifier for feature, preferably from WIPO Standard ST.25 (1998), Appendix 2, Tables 5 and 6	M, under the following conditions: if "n," "Xaa," or a modified or unusual L-amino acid or modified base was used in a sequence
<222>	Location	Specify location within sequence; where appropriate state number of first and last bases/amino acids	M, under the following conditions: if "n," "Xaa," or a modified or unusual L-amino acid or modified

		in feature	base was used in a sequence
<223>	Other Information	Other relevant information; four lines maximum	M, under the following conditions: if "n," "Xaa," or a modified or unusual L-amino acid or modified base was used in a sequence; if ORGANISM is "Artificial Sequence" or "Unknown"; if molecule is combined DNA/RNA.
<300>	Publication Information	Leave blank after <300>	0
<301>	Authors	Preferably max of ten named authors of publication; specify one name per line; preferable format: Surname, Other Names and/or Initials	0
<302>	Title		0
<303>	Journal		0
<304>	Volume		0
<305>	Issue		0
<306>	Pages		0
<307>	Date	Journal date on which data published; specify as yyyy-mm-dd, MMM-yyyy or Season-yyyy	0
<308>	Database Accession Number	Accession number assigned by database including database name	0
<309>	Database Entry Date	Date of entry in database; specify as yyyy-mm-dd or MMM-yyyy	0
<310>	Patent Document Number	Document number; for patent-type citations only. Specify as, for example, US 07/999,999	0



<311>	Patent Filing Date	Document filing date, for patent- type citations only; specify as yyyy-mm-dd	O
<312>	Publication Date	Document publication date, for patent-type citations only; specify as yyyy-mm-dd	O
<313>	Relevant Residues	FROM (position) TO (position)	O
<400>	Sequence	SEQ ID NO should follow the numeric identifier and should appear on the line pre- ceding the actual sequence	M

5. Section 1.824 is revised to read as follows:

1.824 Form and format for nucleotide and/or amino acid sequence submissions in computer readable form.

(a) The computer readable form required by 1.821(e) shall meet the following specifications:

(1) The computer readable form shall contain a single "Sequence Listing" as either a diskette, series of diskettes, or other permissible media outlined in paragraph (c) of this section.

(2) The "Sequence Listing" in paragraph (a) (1) of this section shall be submitted in American Standard Code for Information Interchange (ASCII) text. No other formats shall be allowed.

(3) The computer readable form may be created by any means, such as word processors, nucleotide/amino acid sequence editors or other custom computer programs; however, it shall conform to all specifications detailed in this section.

(4) File compression is acceptable when using diskette media, so long as the compressed file is in a self-extracting format that will decompress on one of the systems described in paragraph (b) of this section.

(5) Page numbering shall not appear within the computer readable form version of the "Sequence Listing" file.

(6) All computer readable forms shall have a label permanently affixed thereto on which has been hand-printed or typed: the name of the applicant, the title of the invention, the date on which the data were recorded on the computer readable form, the operating system used, a reference number, and an application serial number and filing date, if known.

(b) Computer readable form submissions must meet these format requirements:

(1) Computer: IBM PC/XT/AT, or compatibles, or Apple Macintosh;

(2) Operating System: MS-DOS, Unix or Macintosh;